For the PTO's convenience, claims that remain unchanged are included below in order to allow the Examiner to review all pending claims from this response in their numerical order.

Please cancel claims 6 to 171.

172. **(Twice Amended)** A method of delivering user specific programming at a receiver station, said receiver station including a receiver, a detector, a computer, and at least one first output device, said method comprising the steps of:

receiving data and video programming, said video programming to be outputted for a duration of time, wherein only a portion of said duration includes at least a first time interval of specific relevance, and wherein at least one of said data and said video programming is received from at least one remote transmitter station;

selecting and delivering said video programming to said at least one first output device for output to a user;

detecting said data before a time period during which user specific information will be processed and delivering said data to said computer;

generating said user specific information to serve as a basis for delivering said user specific programming by processing at least a first of said data in said time period;

communicating at least a first portion of said user specific information to said at least one first output device in said at least said first time interval of specific relevance based on said step of generating; and

outputting said user specific programming, said user specific programming including said video programming and said at least a first portion of said user specific information.

173. **(Amended)** The method of claim 172, wherein said step of communicating includes selecting said at least a first portion of said user specific information.

174. **(Amended)** The method of claim 173, wherein said only said portion of said duration includes a plurality of time intervals of specific relevance, said method further comprising the step of:

preparing to communicate at least a second portion of said user specific information in at least a second of said plurality of time intervals.

175. **(Amended)** The method of claim 174, wherein said only said portion of said duration includes at least one time interval during which user specific programming is not to be outputted at said at least one output device, said method further comprising the step of: ceasing to output said at least a first portion of said user specific information before said at least one time interval.

176. **(Amended)** The method of claim 175, wherein said at least a first portion of said user specific information is selected before said at least one time interval.

177. **(Amended)** The method of claim 176, wherein said at least a second portion of said user specific information is to be outputted at said at least one first output device after said at least one time interval.

178. (Unchanged) The method of claim 172, wherein said at least one first output device includes a second output device, said method further comprising the step of:

outputting at said second output device at least one of (i) a portion of said user specific programming and (ii) information which explains a significance of said user specific programming.

179. (Unchanged) The method of claim 178, wherein said second output device outputs information which explains said significance of at least said portion of said user specific programming.

180. (**Amended**) The method of claim 179, wherein supplemental information is outputted that identifies information included in said user specific programming by at least one of title and subject matter.

181. (**Amended**) The method of claim 180, wherein said user specific programming includes at least one graphic image and audio describes subject matter included in said at least one graphic image.

182. (Unchanged) The method of claim 181, wherein said at least one graphic image is outputted at least one of said printer and a video monitor.

183. (Unchanged) The method of claim 180, wherein at least a portion of said supplemental information is outputted at a speaker.

184. (**Amended**) The method of claim 183, further comprising the step of: at least one of processing and outputting a digital television signal.

185. (Unchanged) The method of claim 172, further comprising the steps of:

detecting at least a first control signal pertaining to said user specific programming before display at said at least one output device of said video programming within said only a portion of said duration; and

outputting at least a portion of said user specific programming based on said at least said first control signal.

186. (Unchanged) The method of claim 185, wherein said first control signal is received from said at least one remote transmitter station, said method further comprising the step of:

selecting at least a portion of said at least one of said first data and said video programming based on said at least said first control signal.

187. **(Amended)** The method of claim 185, wherein at least a second control signal pertaining to said user specific programming is detected before at least part of the video programming included in said at least said first time interval is displayed at said at least one output device, said method further comprising the step of:

passing said at least said second control signal to said computer.

188. **(Amended)** The method of claim 187, wherein said at least a first portion of said user specific information is communicated to said at least one first output device based on said at least said second control signal.

189. (Unchanged) The method of claim 188, wherein at least one of said second data is generated accordance with said at least said second control signal, said method further comprising the step of:

detecting said at least said second control signal before the end of said time period.

190. **(Amended)** The method of claim 172, wherein said video programming is received from said at least one remote transmitter station, said method further comprising the step of:

programming said receiver station to process digital data embedded in a signal including said video programming.

191. (Unchanged) The method of claim 190, wherein said receiver station performs at least one of said steps of generating and communicating based on said step of programming.

192. **(Amended)** The method of claim 172, wherein said first data are received from said at least one remote transmitter station, said method further comprising the step of:

programming said receiver station to process digital data embedded in a signal including said first data.

193. (Unchanged) The method of claim 192, wherein said receiver station performs at least one of said steps of generating and communicating based on said step of programming.

194. **(Twice Amended)** The method of claim 172, further comprising the steps of:

detecting at least a first discrete signal in a signal transmitted from said at least one remote transmitter station; and

organizing information included in said at least a first discrete signal with information included in a second discrete signal in order to transfer at least one microprocessor instruction.

195. (**Amended**) The method of claim 194, wherein said at least one microprocessor instruction includes said information included in said at least said first discrete signal and said information included in a second discrete signal and said step of organizing comprises assembling.

196. (**Amended**) The method of claim 172, wherein said data and said video programming are both received from said at least one remote transmitter station.

197. (Unchanged) The method of claim 196, wherein said at least one remote transmitter station includes at least one intermediate transmitter station, said method further comprising the step of:

tuning at least one receiver to receive said at least one of said first data and said video programming.

198. (**Amended**) The method of claim 196, wherein said receiver station is enabled to output said user specific programming based on a signal transmitted from said receiver station.

199. (Unchanged) A method of delivering user specific programming at least one receiver station, each of said at least one receiver station including a receiver, at least one output device, a detector, and at least one processor operatively connected to said at least one output device, wherein each of said at least one receiver station is adapted to

detect first data and generate second data, said second data to serve as a basis for communicating user specific information, said method comprising the steps of:

receiving at least one of video programming and said first data at at least a first transmitter station, said video programming to be displayed at said at least one output device for at least a duration of time, wherein only a portion of said duration of time is to include at least one time interval of specific relevance, and wherein said first data are to be processed at said at least one receiver station to generate said second data;

commencing to transfer said at least one of said video programming and said first data to at least a first transmitter at a first specific time; and

transmitting from said at least one transmitter station at least one information transmission including said at least one of said video programming and said first data.

200. (Unchanged) The method of claim 199, further comprising the step of storing said at least one of said video programming and said first data before said first specific time.

201. (Unchanged) The method of claim 200, further comprising the steps of:

receiving said at least one of said video programming and said first data from a second transmitter station; and

controlling at least one selective transfer device to communicate said at least one of said video programming and said first data to at least one of (i) a memory and (ii) said at least said first transmitter before said first specific time.

202. (Unchanged) The method of claim 201, wherein said at least one selective transfer device includes at least one of a switch and a processor.

203. (Unchanged) The method of claim 199, wherein said at least said first transmitter station transmits both of said video programming and said first data, said method further comprising the step of:

commencing to transfer the other of said video programming and said first data to said at least said first transmitter at a second specific time.

204. (Unchanged) The method of claim 203, wherein said at least said first transmitter station transmits at least one of said first data before transmitting at least a portion of said video programming.

205. (Unchanged) The method of claim 204, wherein said second data are generated at said at least one receiver station before said at least said portion of said video programming is outputted at said at least one output device, said method further comprising the step of:

transmitting at least one control signal which serves as a basis, at said at least one receiver station, for outputting at least a portion of said user specific programming.

206. (Unchanged) The method of claim 199, wherein said at least one receiver station outputs audio while outputting said video programming, said method further comprising the step of transmitting said audio.

207. (Unchanged) The method of claim 206, wherein said audio explains a significance of at least a portion of said user specific programming, said method further comprising the step of:

commencing to transfer said audio to said at least said first transmitter before transferring at least a portion of said video programming to said at least said first transmitter.

208. (Unchanged) The method of claim 207, wherein said user specific information is outputted at said at least one output device while said at least said portion of said video programming is outputted at said at least one output device.

209. (Unchanged) The method of claim 208, wherein said audio explains a meaning of said user specific information.

210. (Unchanged) The method of claim 209, wherein said video programming and said audio are included in television programming, said method further comprising the step of transmitting a television signal.

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211. **(Amended)** The method of claim 210, wherein at least one control signal enables said at least one receiver station to deliver said user specific programming at said at least one output device, said method further comprising the step of:

embedding said at least one control signal in at least one of said television signal and a multichannel signal including said television signal.

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212. (Unchanged) The method of claim 211, wherein said at least one control signal causes said at least one receiver station to at least one of generate said second data and communicate said user specific information to said at least one output device.

213. (Unchanged) The method of claim 212, wherein said at least said first transmitter station includes a second transmitter station and said at least one control signal causes said second transmitter station to transfer said at least one of said television programming to a second transmitter.

214. (Unchanged) The method of claim 213, wherein said second transmitter station is an intermediate transmitter station.

215. (Unchanged) A method of delivering user specific programming at least one receiver station, each of said at least one receiver station including a receiver, at least one output device, a detector, and at least one processor operatively connected to said at least one output device, wherein each of said at least one receiver station is adapted to detect first data and generate second data, said second data to serve as a basis for communicating user specific information, said method comprising the steps of:

receiving at least one of video programming and said first data at at least a first transmitter station, said video programming to be outputted at said at least one output device for at least a duration of time, wherein only a portion of said duration of time to include at least one time interval of specific relevance, and wherein said first data are to be processed at said at least one receiver station to generate said second data;

receiving at least a first control signal which operates at said at least said first transmitter station to communicate said at least one of said video programming and said first data to at least a first transmitter; and

transmitting from said at least one transmitter station at least one information transmission including said at least one of said video programming and said first data.

216. (Unchanged) The method of claim 215, further comprising the step of:

storing said at least one of said video programming and said first data in accordance with said at least said at least one first control signal.

217. (Unchanged) The method of claim 216, further comprising the step of:

identifying said at least one of said video programming and said first data in accordance with said at least one first control signal.

218. (Unchanged) The method of claim 216, further comprising the step of:

controlling at least one selective transfer device to communicate said at least one of said video programming and said first data to at least one of (i) a memory and (ii) said at least said first transmitter in accordance with said at least one first control signal.

219. (Unchanged) The method of claim 218, wherein said at least one selective transfer device includes at least one of a switch and a processor.

220. (Unchanged) The method of claim 218, wherein said at least one first control signal includes a schedule.

221. (Unchanged) The method of claim 220, wherein said at least said first transmitter station transmits both of said video programming and said first data, said method further comprising the step of:

transmitting at least one of said first data before transmitting at least a portion of said video programming.

222. (Unchanged) The method of claim 220, further comprising the step of:

transmitting at least one instruction which serves as a basis at said at least one receiver station for outputting at least a portion of said user specific programming.

223. (Unchanged) The method of claim 215, further comprising the step of:

transmitting audio in accordance with said at least said at least one first control signal.

224. (Unchanged) The method of claim 223, wherein said audio explains a significance of at least a portion of said user specific programming.

225. (Unchanged) The method of claim 224, wherein said at least one first control signal causes said at least said first transmitter station to transfer said audio from at least one of a switch and a memory to said at least said first transmitter.

226. (Unchanged) The method of claim 215, wherein said video programming is included in television programming, said method further comprising the step of:

transmitting a television signal in accordance with said at least one first control signal.

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227. (**Amended**) The method of claim 226, wherein at least one instruction enables said at least one receiver station to deliver said user specific programming at said at least one output device, said method further comprising the step of:

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embedding said at least one instruction in at least one of said television signal and a multichannel signal including said television signal.

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228. (Unchanged) The method of claim 227, wherein said at least one instruction enables said at least one receiver station to identify at least said television programming.

229. (Unchanged) The method of claim 228, wherein said at least one first control signal includes said at least one instruction.

230. (Unchanged) The method of claim 215, wherein said at least said first transmitter is located at a second transmitter station, said method further comprising the steps of:

communicating said at least one first control signal to a second transmitter; and transmitting said at least said first control signal.

231. (Unchanged) The method of claim 230, wherein said at least one first control signal enables said second transmitter station to identify a programming signal, said method further comprising the step of:

including at least a first identifier in said at least said first control signal.

232. (Unchanged) The method of claim 231, wherein said at least said second transmitter station identifies said programming signal based on a comparison, said method further comprising the steps of:

including a second identifier in at least one second control signal; and

transmitting said at least said second control signal.

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233. (**Amended**) The method of claim 232, wherein said programming signal includes at least one of said video programming and said first data.

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234. (Unchanged) The method of claim 233, wherein said at least one second control signal enables said second transmitter station to transmit said programming signal at a scheduled time, said method further comprising the step of:

including at least one datum of said scheduled time in at least one of said at least said first control signal and said second control signal.

235. **(Twice Amended)** A method of delivering customized programming at a receiver station, said receiver station including a receiver, a detector, a computer, and at least one output device, said method comprising the steps of:

receiving data and video programming, said video programming to be outputted for a duration of time, wherein only a portion of said duration includes at least one time interval of specific relevance, and at least one of said data and said video programming is received from at least one remote transmitter station;

selecting and delivering said video programming to said at least one output device for output to a user;

storing said data before a time period during which user information will be processed;

generating said user information to serve as a basis for delivering said customized programming by processing at least one of said data in said time period;

communicating said user information to said at least one output device in said at least one time interval of specific relevance based on said step of generating; and

outputting said customized programming, said customized programming including said video programming and said user information.

236. **(Twice Amended)** An apparatus for coordinating a programming presentation at a mass medium programming receiver station comprising:

a first receiver section for receiving mass medium programming at said mass medium programming receiver station;

a first of a plurality of output devices operatively connected to said first receiver section for outputting said mass medium programming;

a first processor operatively connected to said first receiver section for receiving from at least one of a remote station and a mass medium programming source a signal that designates at least one coordinated programming output to present;

a second receiver section operatively connected to said first processor for receiving an instruct signal which is effective to control a specific fashion of coordinated presentation;

a second processor operatively connected to said second receiver section for controlling at least one of said plurality of output devices; and

a second of said plurality of output devices operatively connected to said second processor for outputting coordinated mass medium programming material.

Please cancel claim 237.

238. (**Twice Amended**) An apparatus for coordinating a programming presentation at a mass medium programming receiver station comprising:

a first receiver section for receiving mass medium programming at said mass medium programming receiver station;

a first output device operatively connected to said receiver station for outputting said mass medium programming to a subscriber;

a control signal detector operatively connected to said receiver section for detecting the presence of a timing signal communicated from at least one of a remote station and a mass medium programming source;

a processor operatively connected to said control signal detector for controlling a selected output device in response to an instruct-to-coordinate signal that designates at least one of a signal kind and a device to control;

a second output device operatively connected to said processor for outputting selected mass medium programming material in response to a control signal, said coordinated mass medium programming material being outputted at said receiver station with said mass medium programming.